Abstract: Associated to an elliptic (constant curvature one) three manifold $M$ is a foliation by special geodesics called Hopf geodesics. A Hopf torus in $M$ is an immersed torus which is foliated by such geodesics. The embedding problem asks which conformal tori are realized as Hopf tori in $M$.

After a short introduction to elliptic geometry and Seifert three manifolds, we will discuss a solution to the embedding problem.

Monday, November 21
4:00-5:00 pm
204 Smith Hall
Please note special day